

On page 14, please replace the second complete paragraph with the following rewritten paragraph:

A11
--The elementary analysis following conversion into the Na-form as in example 1 showed a phosphorus content of 3.3% by mass and a nitrogen content of 1.9% by mass.--

A marked-up copy is attached.

IN THE CLAIMS:

✓
Please cancel claims 1-13 and replace with new claims 14-26 as follows:

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A12
--14.¹ Filters consisting of filter paper or paper-type nonwoven material which partially or wholly consist of fibrous material containing cellulose, characterized in that the cellulose-containing material is at least partially carbamided with urea and phosphorylated with phosphoric acid or ammonium phosphate until a nitrogen content in the form of carbamide groups of from 1 to 4% by mass and a phosphorus content of from 3 to 8% by mass is reached.

15.² A method for producing filter paper or paper-type nonwoven material from fibrous, cellulose-containing material for filters according to claim 14,¹ characterized by the following steps of the method:

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cont
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- (a) Activation of the cellulose-containing material by adding water to it in an amount of at least 30% by mass of the cellulose-containing material and this moisture content is maintained for a duration of at least half an hour.
- (b) Addition of phosphoric acid or ammonium phosphate in an amount of 1 to 8 mols per kg anhydrous, cellulose-containing material.
- (c) Addition of urea at a molar ratio of urea to phosphoric acid or ammonium phosphate of 2.5:1 to 4.5:1.
- (d) Mixing of the components urea and phosphoric acid or ammonium phosphate with the activated, cellulose-containing material until the components are uniformly distributed.
- (e) Evaporation of the moisture contained in the mixture formed according to process steps (a) to (d) by heating the mixture to a temperature of 60° to 100°C while simultaneously applying a vacuum.
- (f) Execution of a phosphorylating and carbamiding reaction by heating the mixture to a temperature of 125° to 155°C while simultaneously applying a vacuum, maintaining a reaction time of at least 15 minutes; and
- (g) cooling of the reaction product to the normal temperature and washout of the impurities.

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16.

The method according to claim 15, characterized in that

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30 to 100% by mass water is added for the activation and said moisture content is maintained for a duration of at least one hour and the phosphorylation and carbamidation is carried out by heating the mixture to a temperature of 125° to 145°C while simultaneously applying a vacuum and maintaining a reaction time of one to four hours.

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A12*
17. The method according to claim ~~15~~², characterized in that the phosphoric acid or ammonium phosphate is added to the activated, cellulose-containing material first and uniformly distributed, and the urea is added subsequently.

5 18. The method according to claim ~~15~~², characterized in that the mixing times for admixing the phosphoric acid or ammonium phosphate and the urea each amount to at least 15 minutes.

6 19. The method according to claim ~~15~~², characterized in that the reaction components phosphoric acid or ammonium phosphate and urea are mixed with the cellulose-containing material at room temperature.

20. The method according to claim ~~15~~², characterized in that phosphoric acid or ammonium phosphate and/or urea are mixed with the amount of water intended for the activation, and the solution so obtained is mixed with the cellulose-containing material for the

activation.

⁸/₂₁. The method according to claim ⁷/₂₀, characterized in that the mixing of the phosphoric acid or ammonium phosphate and/or urea with the water is carried out under heating to temperatures of up to 60°C.

⁹/₂₂. The method according to claim ⁷/₂₀, characterized in that prior to the activation, the cellulose-containing material is heated to the temperature of the solution of urea and/or phosphoric acid or ammonium phosphate in water.

¹⁰/₂₃. The method according to claim ²/₁₅, characterized in that the cellulose-containing material is formed by a mixture of different celluloses.

¹¹/₂₄. The method according to claim ²/₁₅, characterized by the following steps of the method:

- (a) Production of cellulose-containing filter paper or paper-like nonwoven material in the form of a web- or leaf-shaped starting material in the manner known per se;
- (b) treatment of the starting material obtained according to process step (a) with a solution of urea and phosphoric acid and/or ammonium phosphate in water at a molar ratio

of urea to phosphorus of 2.5:1 to 4.5:1, whereby the amount of water is adjusted in such a way that 1 to 8 mols phosphorus per kg cellulose remain in the cellulose-containing starting material, and the water content is maintained for a time duration of at least one half hour for activating the starting material;

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- (c) a subsequent vacuum treatment and heating of the starting material to a temperature of from 60° to 100°C in order to completely expel the water;
 - (d) execution of a phosphorylation and carbamidation reaction of the starting material treated according to process steps (b) and (c) at a temperature of from 125° to 155°C under vacuum in the course of a reaction time of at least 15 minutes; and
 - (e) subsequent cooling and washing free of phosphate and final drying of the treated starting material.

12/ 25. The method according to claim ~~15~~², characterized in that the applied vacuum is adjusted to a value of 5.33 kPa to 26.66 kPa.

13/ 26. The method according to claim ~~15~~², characterized in that prior to washing and drying, the phosphorylated and carbamided cellulose-containing fiber material is converted from the ammonium form into the sodium form by treating it with a solution of common salt.--